



enLighten

Innovation in Lighting Solutions

Chamaeleon
Original



Case Study: SMC Conference & Function Centre

Back of house LED lighting upgrade delivers \$7K in monthly savings

Project Overview

Replacing existing T8 fluorescent lighting with Chamaeleon LED lights in underground car park, fire stairs, plant and control rooms contributes to \$7,000 monthly savings in electricity and maintenance costs.

A range of standard, emergency and permanently on models of the Chamaeleon was used to retrofit single and twin T8 36W (1200mm) and single 58W (1500mm) fluorescent tube lighting which operated 24/7 without controls.

In total 133 Chamaeleon lights replaced 144 fluorescent tubes in back of house areas. A combination of permanently on, standard and emergency Chamaeleon models were installed in fire stair, car park, plant control rooms and store area.

"We have reduced a significant amount, \$5,000 per month, on the electricity bill and improved our power factor in the building. Since the project finished we have absolutely no maintenance cost spend on those areas installed with Chamaeleon lights. We look forward to more efficient products from enLighten Australia."

Mano Jelamudi
IT & Building Project Manager

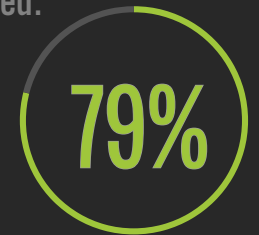
FAST FACTS

Project Payback:

ROI: **1.2 years**
(including ESC certificates)

Savings:

Energy Saved:



Electricity Saved:

48,541 kWh pa

Total Energy & maintenance
savings over 10 years:

\$810,000

www.enlighten.com.au

1800 365 444



The Solution

The estimated 48,541 kWh annual reduction in consumption equated to a \$5,000 monthly saving from client supplied bill data. The savings were broken up into reductions in both variable consumption and fixed KVA demand charges.

The maintenance bill for emergency and back of house lighting

was reduced by 95% or \$21,000 per year. Low maintenance design features include a battery changeover in emergency versions via externally accessible drawer and a smart connect base with keyed lock for easy installation and removal without the need to isolate power.

About enLighten

Our passion is delivering energy savings through intelligent LED lighting solutions.

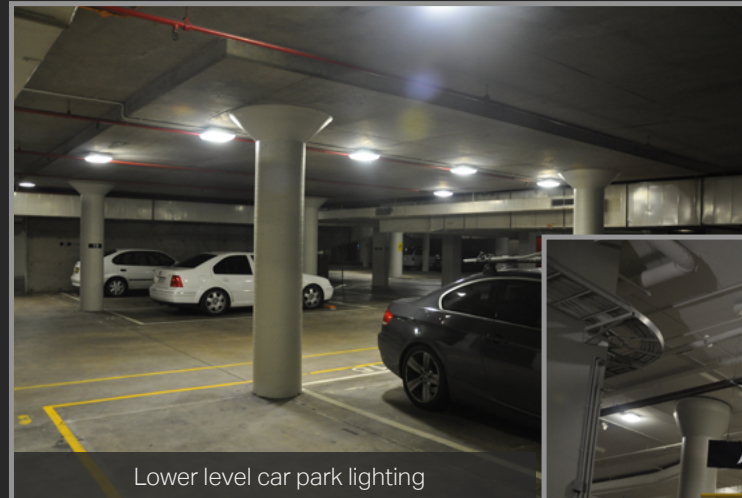
We are a privately owned Australian innovation company. The enLighten product range is designed by us and manufactured exclusively for us.

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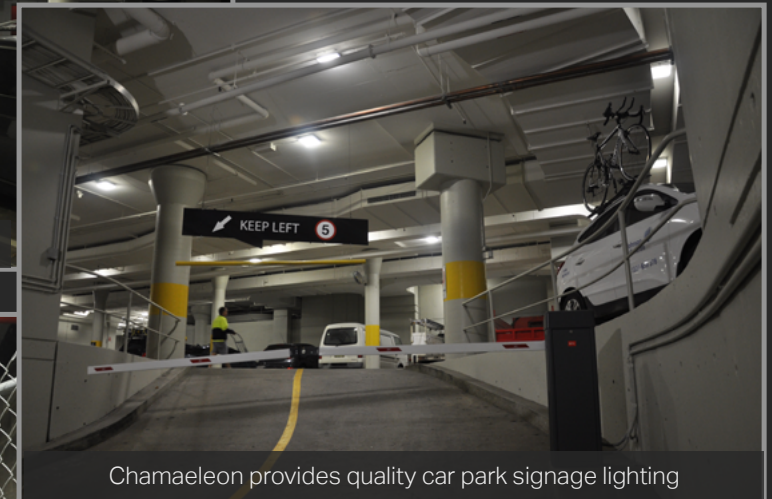
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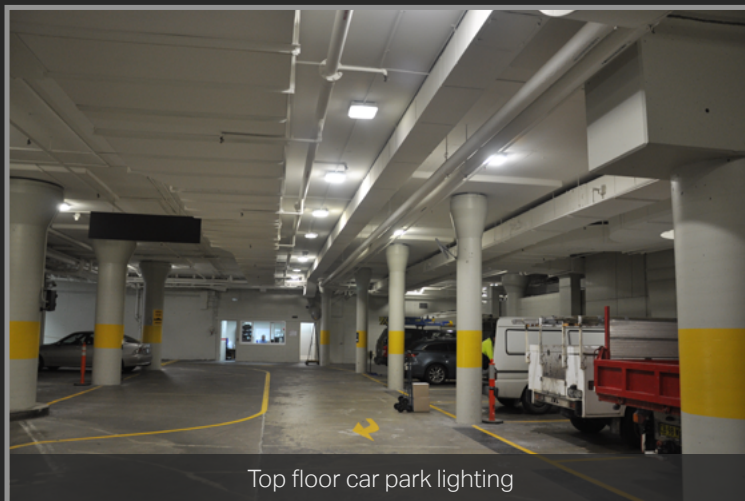
Car park entry 66 Goulburn St



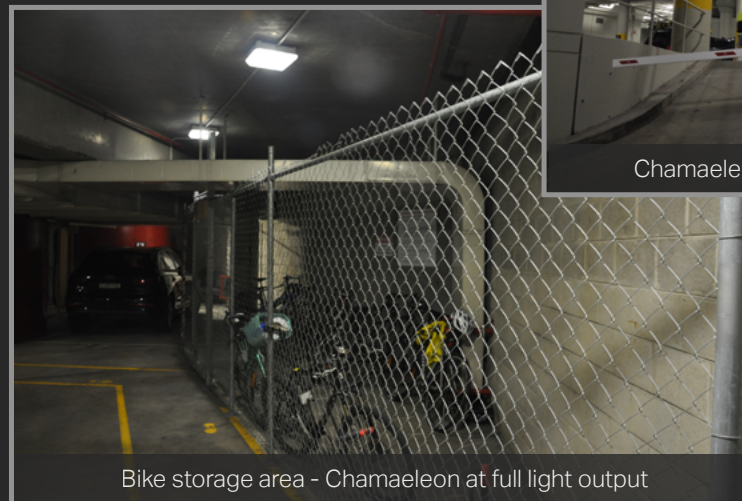
Lower level car park lighting



Chamaeleon provides quality car park signage lighting



Top floor car park lighting



Bike storage area - Chamaeleon at full light output

